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BRUHATH BANGALORE MAHANAGARA PALIKE

SCHEDULE - B

Name of the Work:- Development of water Body at J.P Park in ward No 17.

Tender notification No:EE-02/lakes/TEN-04/2013-14 Date:09-12-2013(Call-03)

Sl. No.	Description	Unit	Qty	Rates in	
				Figures	words
1	Cutting and burning or disposing off Apu / Oondu from marshy areas as directed with initial lead upto 50 m and all lifts.	Sqm	4764.2	3.45	Rupees Three and Forty Five Paise Only
2	Excavation and removal of silt or silt mixed with sand in slushy condition from canal bed including disposing off the same in spoil bank or on the canal embankment in layers as directed etc., complete with intial lead upto 50m and all lifts.	cum	19699.0	123.04	Rupees One Hundred Twenty Three and Four Paise Only
3	Extra 2 km lead for filling additional lead charges	cum	15704.1	18.86	Rupees Eighteen and Eighty Six Paise Only
4	De-silting tank bed/feeder channel in dry condition by excavating the deposited bed material and loading the same to transport vehicle (excluding cost of transportation) including cost of all machinery, labour etc., complete with lead upto 1 km and all lifts.	cum	12243.0	60.94	Rupees Sixty and Ninety Four Paise Only
5	Dewatering by mechanical means including hire charges of machinery,fuel and crew charges etc., complete as per the direction of the Engineer- in charge	hr	480.0	121.20	Rupees One Hundred Twenty One and Twenty Paise Only
6	Clearing thick jungle growth (less than 50 percent open space) including bushes upto 300 mm / parthenium and other weeds including burning or disposing off the same as directed etc., complete	sqm	3492.0	1.38	Rupees One and Thirty Eight Paise Only
7	Excavating grip trenches of specified size in all kinds of soil in existing bund for abutting fresh embankment to strengthen the existing bund including disposing off the excavated soil in specified dump area or as directed with lead upto 50 m and all lifts.	cum	343.8	101.19	Rupees One Hundred One and Nineteen Paise Only
8	Providing new embankment abutting to existing bund to strength the existing bund using soil available in adjacent area in layers of 200 to 250 mm and compacting each layer to density control of not less than 95 percent by vibrating plate compactor or pnuematic tamper including cost of all materials, machinery, labour, picking previous layer, spreading soil in layer, breaking clods, watering etc., complete with lead upto 50 m and all lifts.	cum	2757.0	102.34	Rupees One Hundred Two and Thirty Four Paise Only
9	Excavation for foundation in all kinds of soil including boulders upto 0.60 m dia (0.113 cum) for dam, barrage, spillway, intake structure and other appurtenant works and placing the excavated soil neatly in dump area or disposing off the same as directed etc , complete with initial lead upto 1 km and all lifts.	cum	474.3	70.14	Rupees Seventy and Fourteen Paise Only

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Sl. No.	Description	Unit	Qty	Rates in Figures	Rates in words
10	Providing and laying insitu vibrated M-15 (28 days cube compressive strength not less than 15 N / sq mm) grade cement concrete using 40 mm down size approved, clean, hard, graded aggregates with placing and sinking plums of size 150 to 80 mm upto 15 percent for gravity type structures including cost of all materials, machinery, labour, formwork, scaffolding, cleaning, batching, mixing, placing in position, levelling, vibrating, finishing, curing etc., complete with initial lead upto 1 km and all lifts. (Cement content : 204 kg / cum with use of plums and super plasticiser)	cum	37.8	3762.47	Rupees Three Thousand Seven Hundred Sixty Two and Forty Seven Paise Only
11	Providing and constructing coursed rubble face stone masonry using approved rubble stones in cement mortar 1 : 4 proportion including cost of all materials, machinery, labour, scaffolding, ramps, cleaning, packing mortar, wedging stone chips, curing etc., complete with initial lead upto 1 km and all lifts.	cum	63.8	2634.42	Rupees Two Thousand Six Hundred Thirty Four and Forty Two Paise Only
12	Providing and laying insitu vibrated M-15 (28 days cube compressive strength not less than 15 N / sq mm) grade cement concrete using 20 mm down size approved, clean, hard, graded aggregates including cost of all materials, machinery, labour, formwork, scaffolding, centering, leaning, batching, mixing, placing in position, levelling, vibrating, finishing, curing etc., complete for plain concrete works with initial lead upto 1 km and all lifts. (Cement content : 290 kg / cum with use of super plasticiser)	cum	25.2	4493.81	Rupees Four Thousand Four Hundred Ninety Three and Eighty One Paise Only
13	Providing and constructing dry rubble rock-toe using rubble and stone chips from approved source including cost of all materials, machinery, labour, hand packing rubble and stone chips, finishing top and sides to required slopes etc. complete with initial lesd upto 1 km and all lifts.	cum	2112.0	656.82	Rupees Six Hundred Fifty Six and Eighty Two Paise Only
14	Providing and constructing 450mm thick hand packed rough stone revetment consisting of 300 mm thick rough stones with 400 to 450 mm long through stones at 1.5 m c/c over a backing of 150 mm thick 40 mm down graded coarse aggregate layer includig cost of all materials, machinery, labour, laying to specified slope, wedging with chips, finishing etc., complete with initial lead upto 50 m and all lifts.	sqm	4375.0	394.52	Rupees Three Hundred Ninety Four and Fifty Two Paise Only
15	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 Note:- Excavation for foundation of buildings, water supply sanitary lines, electrical conduits either in pits or in trenches where excavation width is above 600 mm below 1.5 mtrs.	cum	1138.3	321.48	Rupees Three Hundred Twenty One and Forty Eight Paise Only

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(112)

Sl. No.	Description	Unit	Qty	Rates in	
				Figures	words
16	lift above 1.5 mtr height	cum	301.3	335.81	Rupees Three Hundred Thirty Five and Eighty One Paise Only
17	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	cum	162.9	4842.67	Rupees Four Thousand Eight Hundred Forty Two and Sixty Seven Paise Only
18	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	cum	777.7	6365.06	Rupees Six Thousand Three Hundred Sixty Five and Six Paise Only
19	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	cum	13.7	6426.01	Rupees Six Thousand Four Hundred Twenty Six and One Paise Only
20	Providing T.M.T. steel (Cold, Twisted) reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding whereever required, lying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and Paid) cost of materials, labour, HOM of machinery complete as per specifications.	qtl	666.5	8329.92	Rupees Eight Thousand Three Hundred Twenty Nine and Ninety Two Paise Only

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Sl. No.	Description	Unit	Qty	Rates in Figures	Rates in words
21	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons.	sqm	427.7	253.53	Rupees Two Hundred Fifty Three and Fifty Three Paise Only
22	Providing and removing centering, shuttering, strutting, propping etc , for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton.	sqm	1876.5	380.29	Rupees Three Hundred Eighty and Twenty Nine Paise Only
23	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm	5434.9	305.94	Rupees Three Hundred Five and Ninety Four Paise Only
24	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	sqm	5467.2	229.15	Rupees Two Hundred Twenty Nine and Fifteen Paise Only
25	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.with primer	sqm	5167.2	91.42	Rupees Ninety One and Forty Two Paise Only
26	Providing,preparing, transportation and fixing of precast compound wall panel of 120mm thick with RCC pillar fixed on RCC post using M-20 Grade Concrete, 6mm steel, vibrating with plate vibrator. The panel of size 2.4mX0.6mX0.12m and pillar of size 0.24mX0.24mX3.0m will becerected at the work spot using suitable crane above the ground level including cost of material admixture, cost of all labour curing, lead, loading, unloading and all other miscellaneous works etc... complete (as per data rate)	sqm	1031.3	2722.04	Rupees Two Thousand Seven Hundred Twenty Two and Four Paise Only
27	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	cum	1792.1	114.58	Rupees One Hundred Fourteen and Fifty Eight Paise Only
28	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	87.4	5393.61	Rupees Five Thousand Three Hundred Ninety Three and Sixty One Paise Only

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Executive Engineer(Project)

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Sl. No.	Description	Unit	Qty	Rates in	
				Figures	words
29	Supplying and fixing M. S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1 2 4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms . Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the direction of the Engineer in-charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)	Rmtr	700.8	1239.62	Rupees One Thousand Two Hundred Thirty Nine and Sixty Two Paise Only
30	Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suaitable bolts & nuts , the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead &lift as directed by the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint.	Rmtr	1079.7	741.09	Rupees Seven Hundred Forty One and Nine Paise Only
31	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends , cutting the pipes, and fixing pipe in between the two verticle poles (M.S rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc , complete including two coats of approved quality paint over one coat of shop paint.	Rmtr	1772.9	337.63	Rupees Three Hundred Thirty Seven and Sixty Three Paise Only
32	Earthwork excavation for foundation of buildings, culverts, watersupply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil, clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	1495.9	171.25	Rupees One Hundred Seventy One and Twenty Five Paise Only
33	lift above 1.5 to 3.0 mtr	Cum	134.5	268.64	Rupees Two Hundred Sixty Eight and Sixty Four Paise Only
34	lift above 3.0 to 4.5 mtr	Cum	75.5	280.10	Rupees Two Hundred Eighty and Ten Paise Only
35	extra 10% for foul condition	Cum	182.6	182.71	Rupees One Hundred Eighty Two and Seventy One Paise Only
36	Extra 20% for water/foul, Note :(7/2)	cum	182.6	228.42	Rupees Two Hundred Twenty Eight and Forty Two Paise Only
37	Extra 20% for water/foul, Note :(7/2)	cum	182.6	239.88	Rupees Two Hundred Thirty Nine and Eighty Eight Paise Only

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Sl. No.	Description	Unit	Qty	Rates in Figures	Rates in words
38	Providing and Filling in foundation with granite/trap broken metal 100 mm and down size,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specifications	Cum	83.8	2005.08	Rupees Two Thousand Five and Eight Paise Only
39	Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs. with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	67.5	5075.47	Rupees Five Thousand Seventy Five and Forty Seven Paise Only
40	Providing and removing centering, shuttering, strutting, propping etc., and removal of formwork for flat surface such as roof thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.	Sqm	115.8	326.66	Rupees Three Hundred Twenty Six and Sixty Six Paise Only
41	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specificaitons.	Sqm	39.8	752.06	Rupees Seven Hundred Fifty Two and Six Paise Only
42	Providing and fixing M.S. work weighing 60 kg/sqm with necely grinding the welded joints including transporation to site of work fixed to the existing structure by CC 1:2:4 with necessary hold fasts suitable to hold steel structure firmly and to withstand the water current etc., complete inclusive of all labour and hire charges of machinery with all lead and lifts etc., as per drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer , cost of materials, fixtures, labour and HOM of machinery comp-lete as per specifications ,complete as per the direction of the engineer.	kg	900.0	109.70	Rupees One Hundred Nine and Seventy Paise Only
43	Providing and fixing M.S. work weighing 40 kg/sqm with necely grinding the welded joints including transporation to site of work fixed to the existing structure by CC 1:2:4 with necessary hold fasts suitable to hold steel structure firmly and to withstand the water current etc., complete inclusive of all labour and hire charges of machinery with all lead and lifts etc., as per drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer , cost of materials, fixtures, labour and HOM of machinery comp-lete as per specifications ,complete as per the direction of the engineer.	kg	600.0	109.70	Rupees One Hundred Nine and Seventy Paise Only
44	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	203.4	4006.50	Rupees Four Thousand Six and Fifty Paise Only

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Sl. No.	Description	Unit	Qty	Rates in	
				Figures	words
45	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	9.8	5989.65	Rupees Five Thousand Nine Hundred Eighty Nine and Sixty Five Paise Only
46	Providing and constructing 300 mm thick size stone pitching using 200 to 250 mm size stones with pin headers at 2 per sqm set in CM 1 : 5 proportion with pointing joints in CM 1 : 3 proportion including cost of all materials, labour, packing stone chips and mortar, finishing, curing etc., complete with initial lead upto 50 m and all lifts.	Sqm	81.0	515.11	Rupees Five Hundred Fifteen and Eleven Paise Only
47	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as perspecifications. iii) ismantling Stone Masonry. A. Rubble Stone masonry in lime mortar. MORTH Specification No. 202 KSRRB M200-15.2. –do– B. Rubble stone masonry in cement mortar	cum	112.5	226.71	Rupees Two Hundred Twenty Six and Seventy One Paise Only
48	Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately complete as per specifications.	mtr	200.0	37.79	Rupees Thirty Seven and Seventy Nine Paise Only
49	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	sqm	160.2	90.20	Rupees Ninety and Twenty Paise Only
50	Earthwork excavation for foundation of buildings, culverts, watersupply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil; clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	cum	113.0	354.46	Rupees Three Hundred Fifty Four and Forty Six Paise Only
51	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	sqm	58.5	330.32	Rupees Three Hundred Thirty and Thirty Two Paise Only
52	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	sqm	58.5	354.70	Rupees Three Hundred Fifty Four and Seventy Paise Only

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Sl. No.	Description	Unit	Qty	Rates in Figures	Rates in words
53	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	sqm	50.5	379.08	Rupees Three Hundred Seventy Nine and Eight Paise Only
54	Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	sqm	396.1	203.56	Rupees Two Hundred Three and Fifty Six Paise Only
55	Providing and applying food grade epoxy painting to over head tank and sump tank after cleaning and drying including pumping and bailing out of water including cost of material, labour, lead, lift etc. complete	sqm	145.7	120.67	Rupees One Hundred Twenty and Sixty Seven Paise Only
56	Disposal of excess earth up to 20 kms lead (Loading and Unloading charges+Lead more than 4 km upto 5 km+Every km beyond 5 km upto 30 km)	cum	400.0	275.06	Rupees Two Hundred Seventy Five and Six Paise Only
57	Providing and laying in position reinforced cement concrete of mix 1:2:4 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C.beams,columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications (excluding cost of steel, fabrication & plastering)	cum	1.6	5493.56	Rupees Five Thousand Four Hundred Ninety Three and Fifty Six Paise Only
58	Fabricating, providing and erecting in poiston of M S Ornamental security Grill without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom and C I arrows inthe midle and top The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drilling holes the work includes providng two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes etc as per specification and drawings	kgs	13464.0	164.55	Rupees One Hundred Sixty Four and Fifty Five Paise Only
59	Design, fabrication, supply, erection,testing and commissioning of adequate capacity screw type hoist consisting of supporting structure, platform, ladder etc., with all accessories for operating canal escape / regulator gate including cost of all materials, machinery, labour, cutting, aligning, anchoring, welding, finishing, cleaning, applying two coats of zinc chromate red oxide primer and three coats of approved synthetic enamel paint etc , complete with all leads and lifts.	tonne	1.0	33922.05	Rupees Thirty Three Thousand Nine Hundred Twenty Two and Five Paise Only

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406

Sl. No.	Description	Unit	Qty	Rates in Figures	Rates in words
60	Providing and placing through Trenchless Technology a pipe of 450mm dia between the manhole of BWSSB @ service road to the Jackwell of JP park (near public toilet)	mtr	100.0	8624.25	Rupees Eight Thousand Six Hundred Twenty Four and Twenty Five Paise Only
61	Providing and laying Hariyala or other approved quality turfing sods for the slopes of earthen embankments over 20 mm thick sand backing including cost of all materials, machinery, labour including preparing surface, spreading sand including tamping, watering for 15 days etc., complete with initial lead upto 1 km and all lifts.	sqm	2137.5	90.84	Rupees Ninety and Eighty Four Paise Only
62	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.	sqm	63.2	275.47	Rupees Two Hundred Seventy Five and Forty Seven Paise Only
63	Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps or Staircase are made out of stainless steel hallow pipes, using 50mm dia for verticals @1.60 mtr c/c are fixed tot he ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes are fixed horizontally for 2-rows top, one pipes are fixed with vertical pipes another one are fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-	mtr	24.0	7026.92	Rupees Seven Thousand Twenty Six and Ninety Two Paise Only
64	Extra for making chequers of approved pattern on cement concrete floor, steps, landings, pavements , including cost of labour complete as per specifications.	sqm	72.0	20.23	Rupees Twenty and Twenty Three Paise Only
65	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (PWD BCSR 2012-13 P-5, 1-2.3) Excavation for foundation of buildings, water supply sanitary lines, electrical conduits either in pits or in trenches where excavation width is above 600 mm below 1.5 mtrs. add 20% extra and for width upto 600 mm add 20% extra for respective rates due to restricted conditions.	Cum	17.7	256.89	Rupees Two Hundred Fifty Six and Eighty Nine Paise Only

Signature of Contractor

Executive Engineer
Project Division, R.R.Nagara, BBMP.

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